

Converting Colors

XYZ(35.4122, 42.9087, 37.1391)

Have a look what the booklet for
XYZ(35.4122, 42.9087, 37.1391)
contains.

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Color

**XYZ(35.5509, 43.0981,
37.0169)**

Conversions

Conversions Part 1

Format	Color
Hex	96B89A
RGB	150, 184, 154
RGB Percent	59%, 72%, 60%
CMY	0.4118, 0.2784, 0.3961
CMYK	0.18, 0.00, 0.16, 0.28
HSL	127°, 19%, 65%
HSV	127°, 18%, 72%
XYZ	35.5509, 43.0981, 37.0169
YIQ	170.4140, -10.6340, -16.5380

Conversions

Conversions Part 2

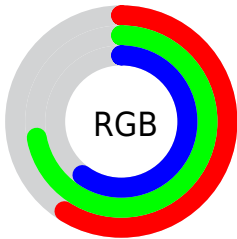
Format	Color
RYB	150, 180, 184
Decimal	9877658
CIELab	71.62, -17.43, 11.49
CIELCh	72, 20.870, 146.612
Yxy	43.0981, 0.3074, 0.3726
Android (android.graphics.Color)	4288067738 (0xFF96B89A)
YUV	170.4140, -8.0921, -17.9031
Hunter-Lab	65.6491, -18.2231, 12.5232

Details

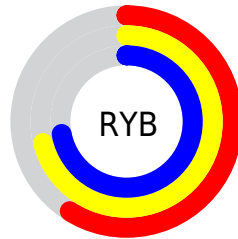
The XYZ color **35.5509, 43.0981, 37.0169** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.9132, 35.2993, 47.9444**, and the grayscale version is **38.4590, 40.4619, 44.0630**.

A 20% lighter version of the original color is **67.7221, 79.8534, 71.5184**, and **15.7101, 19.8645, 15.8382** is the 20% darker color. If you saturate the color by 10%, you get **31.1652, 40.9843, 30.2242**, and if you desaturate by 10%, it is **40.6535, 45.5629, 44.7998**.

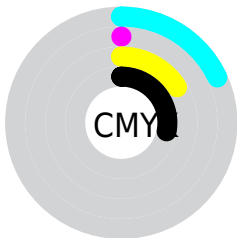
Distribution



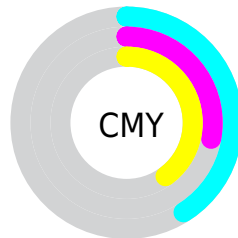
- Red (59%)
- Green (72%)
- Blue (60%)



- Red (59%)
- Yellow (71%)
- Blue (72%)



- Cyan (18%)
- Magenta (0%)
- Yellow (16%)
- Black (28%)



- Cyan (41%)
- Magenta (28%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5509, 43.0981, 37.0169 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 35.5509, 43.0981, 37.0169 by changing the saturation by 10% instead.

■ 35.5509, 43.0981,
37.0169

■ 35.5509, 43.0981,
37.0169

318.4589,
359.0150, 348.5546

■ 24.2560, 29.9621,
24.9247

■ 67.6667, 79.8589,
71.7854

■ 15.6494, 19.8098,
15.8024

■ 89.2184, 104.2524,
95.2988

■ 9.3657, 12.2569,
9.2316

114.9198,
133.1673, 123.4562

■ 5.0395, 6.9189,
4.7937

145.1362,
166.9879, 156.6764

■ 2.3054, 3.4114,
2.0701

180.2329,
206.0985, 195.3778

■ 0.7974, 1.3501,
0.5979

220.5754,

■ 0.0000, 0.1795,

250.8837, 239.9789

0.0000

266.5289,
301.7277, 290.8983

■ 0.0000, 0.0000,
0.0000

■ 35.5509, 43.0981,
37.0169

■ 35.5509, 43.0981,
37.0169

■ 31.1652, 40.9843,
30.2242

■ 40.6535, 45.5629,
44.7998

■ 27.4610, 39.2002,
24.3792

■ 46.4997, 48.3878,
53.6073

■ 24.4049, 37.7308,
19.4407

■ 53.1188, 51.5885,
63.4757

■ 21.9593, 36.5578,
15.3632

■ 60.5376, 55.1781,
74.4389

■ 20.0829, 35.6609,
12.0975

■ 68.7817, 59.1690,
86.5289

■ 18.7292, 35.0171,
9.5891

■ 75.8594, 62.5339,
99.6822

■ 17.8438, 34.5999,
7.7770

■ 76.4313, 62.7626,
102.6938

■ 17.3424, 34.3671,
6.5900

■ 17.2828, 34.3392,
6.4586

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



37.9962, 43.0981, 31.5976



35.5509, 43.0981, 37.0169



34.5515, 43.0981, 45.7865

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



35.5509, 43.0981, 37.0169



40.5634, 43.0981, 69.1416



47.3398, 43.0981, 38.7426

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



35.5509, 43.0981, 37.0169



38.9132, 35.2993, 47.9444

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



48.1233, 43.0981, 48.0852



35.5509, 43.0981, 37.0169



44.0813, 43.0981, 66.5508

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



35.5509, 43.0981, 37.0169



37.3389, 43.0981, 65.1106



46.8992, 43.0981, 58.4634



44.8153, 43.0981, 32.4888

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



35.5509, 43.0981, 37.0169



34.7945, 43.0981, 52.7092



46.8992, 43.0981, 58.4634



47.8216, 43.0981, 41.5830

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



35.5521, 43.0999, 37.0179



76.0889, 83.7490, 84.8352



41.4774, 46.1924, 35.5846



16.2617, 17.9862, 18.0748



88.6918, 93.3107, 101.6153



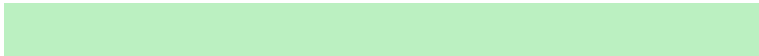
17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.5521, 43.0999, 37.0179



61.2017, 76.5620, 62.1039



37.0670, 43.7059, 44.9953



8.9322, 10.0768, 9.8003



11.9247, 23.6708, 4.5257



0.4345, 0.8401, 0.2340

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



38.9132, 35.2993, 47.9444



68.3755, 59.9106, 85.4228



37.2887, 34.6495, 39.3897



9.3342, 9.1441, 11.1073



18.1567, 8.8364, 24.5095



0.6530, 0.3167, 0.9323

Previews

White Background



This preview shows how the XYZ color 35.5509, 43.0981, 37.0169 looks on a white background.

Color Contrast Check

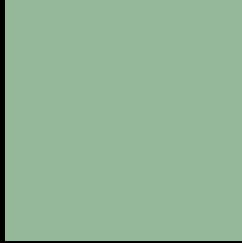
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 35.5509, 43.0981, 37.0169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

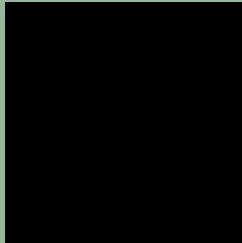
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.5509, 43.0981, 37.0169

Background



This preview shows how black text looks on a background with the XYZ color 35.5509, 43.0981, 37.0169.



This preview shows how white text looks on a background with the XYZ color 35.5509, 43.0981,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

35.5509, 43.0981, 37.0169

Protanopia

40.5220, 43.0202, 34.6018

Deuteranopia

43.5625, 42.8160, 37.8666



Tritanopia

39.6504, 43.2586, 56.7120

Trichromacy



Original Color

35.5509, 43.0981, 37.0169

Protanomaly

38.5196, 42.8458, 35.5180

Deuteranomaly

40.1929, 42.4962, 37.5367

Tritanomaly

37.9870, 43.1724, 48.9788

Monochromacy



Original Color

35.5509, 43.0981, 37.0169

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.1351, 41.1268, 41.1030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5509, 43.0981, 37.0169 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(150, 184, 154)` looks like.

```
.text, #text, p{  
    color:rgb(150, 184, 154)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(150, 184, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 184, 154) }
```

Border

The CSS property to change the border of an element to XYZ 35.5509, 43.0981, 37.0169 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(150, 184, 154) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(150, 184, 154) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(150, 184, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 184, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 184, 154);  
box-shadow:4px 4px 4px 4px rgb(150, 184,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5509, 43.0981, 37.0169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 184, 154) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(150,  
184, 154) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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